

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

SAFETY DATA SHEET

Safety data sheet According to Reg. (EG) N. 1907/2006
Version / Date / revised 27.03.2024
for the product

Eurovent **PRIMER**

1. Identification of the substance/mixture and of the company/undertaking

| | |
|-----------------------------------|---|
| Product description: | Primer-Spray, Synthetic rubber based, surface preparation |
| Product name: | Eurovent PRIMER |
| Uses of the substance or mixture: | Aerosol – Adhesives, sealants Professional uses |
| Supplier | Eurosystem Polska Sp. z o.o. Sp. K. Wiejska 13 46-055 Przywory, Polska VAT PL9372516153 |

2. Hazards identification

2.1. Classification of the substance or mixture
Regulation (EC) No 1272/2008

Aerosol 1; H222-H229

Asp. Tox. 1; H304

Skin Irrit. 2; H315

Eye Irrit. 2; H319

Skin Sens. 1; H317

STOT SE 3; H336

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 18.

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Rosin, Colophony

Acetone

Signal word: Danger

Hazard pictograms:



Hazard statements

| | |
|------|--|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H315 | Cause skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary statements

| | |
|-------------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P410 + P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F |
| P501 | Dispose of contents/container to in accordance with local/regional/national/international regulation. |

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

3. Composition/information on ingredients

Chemical characterisation: Mixtures

Hazardous components

| CAS NO | Chemical name | | | Quantity |
|-----------|---|--------------|------------------|--------------|
| | EC No | Index No | REACK No | |
| | Classification according to Regulation (EC) No. 1272/2008 | | | |
| 115-10-6 | Dimethyl ether | | | 60 - < 65% |
| | 204-065-8 | 603-019-00-8 | 01-2119472128-37 | |
| | Flam. Gas 1, Liquefied gas; H220 H280 | | | |
| 8050-09-7 | Rosin, colophony | | | 5 - < 10% |
| | 232-475-7 | 650-015-00-7 | 01-2119480418-32 | |
| | Skin Sens. 1; H317 | | | |
| | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | | | 12,5 - < 15% |
| | 921-024-6 | | 01-2119475514-35 | |
| | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 | | | |
| 67-64-1 | Acetone | | | 5 - < 10% |
| | 200-662-2 | 606-001-00-8 | 01-2119471330-49 | |
| | Flam Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066 | | | |
| 1314-13-2 | Zinc oxide | | | 0,1- <0,5% |
| | 215-222-5 | 030-013-00-7 | 01-2119463881-32 | |
| | Aquatic Acute 1, Aquatic Chronic 1; H400 H410 | | | |

Full text of H and EUH statements: see section 18.

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

Specific Conc. Limits, M-factors and ATE

| CAS NO | Chemical name | Quantity |
|-----------|--|--------------|
| | Specific Conc. Limits, M-factors and ATE | |
| 115-10-6 | Dimethyl ether | 60 - < 65 % |
| | 204-065-8 Index No REACK No | |
| | inhalation: LC50 = 164000 ppm (gases) | |
| 8050-09-7 | Rosin, colophony | 5 - < 10% |
| | 232-475-7 | |
| | dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2000 mg/kg | |
| 8050-09-7 | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5 % n-hexane | 12.5 - < 15% |
| | 921-024-6 | |
| | inhalation: LC50 = (> 25,2) mg/l (vapours); dermal: LD50 = (> 2800 - 3100) mg/kg; oral: LD50 => 5000 mg/kg | |
| 67-64-1 | Acetone | 5 - < 10% |
| | 200-662-2 | |
| | inhalation: LC50 = 76 mg/l (vapours); dermal: LD50 = > 7426 mg/kg; oral: LD50 = 5800 mg/kg | |
| 1314-13-2 | Zinc oxide | 0,1- < 0,5% |
| | 215-222-5 | |
| | oral: LD50 = > 5000 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1 | |

4. First aid measures
4.1. Description of first aid measures

| | |
|--------------------------|--|
| General Information: | When in doubt or if symptoms are observed, get medical advice. If medical advice is needed, have product container or label at hand. |
| After inhalation: | Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician. |
| After contact with skin: | Take off immediately all contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician. |
| After eye contact: | After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. |
| After ingestion | Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. |

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

4.2. Most important symptoms and effects, both acute and delayed

Symptoms may develop several hours following exposure;
medical observation therefore necessary for at least 48 hours.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Firefighting measures

5.1. Extinguishing media

| | |
|----------------------------------|---|
| Suitable extinguishing media | Water spray jet, Carbon dioxide (CO ₂), Foam, Extinguishing powder. |
| Unsuitable extinguishing agents: | Full water jet. |

5.2. Special hazards arising from the substance or mixture:

Extremely flammable aerosol. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information:

Use water spray jet to protect personnel and to cool endangered containers.
Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing
water separately. Do not allow entering drains or surface water.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation.
Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.
Use personal protection equipment.

For non-emergency personnel

Ventilate affected area. Remove persons to safety. Remove all sources of ignition.

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Explosion risk.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

7. Handling and Storage

7.1. Precautions for safe handling

| | |
|---|---|
| Advice on safe handling | Do not pierce or burn, even after use. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/vapour/aerosol. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means |
| Advice on protection against fire and explosion | Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air. |
| Advice on general occupational hygiene | Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. |
| Further information on handling | Heating causes rise in pressure with risk of bursting. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| Requirements for storage rooms and vessels | Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Hints on joint storage | Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances. |
| Further information on storage conditions | Keep away from food, drink and animal feedingstuffs. |

7.3. Specific end use(s)

Adhesives, sealants

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | Category | Origin |
|----------|----------------|------|-------------------|----------|--------|
| 67-64-1 | Acetone | 500 | 1210 | TWA (8h) | |
| 115-10-6 | Dimethyl ether | 1000 | 1920 | TWA (8h) | |

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|-----------|---|----------------|----------|------------------------|
| 115-10-6 | Dimethylether | | | |
| | Consumer DNEL, long-term | inhalation | systemic | 471 mg/m ³ |
| | Worker DNEL, long-term | inhalation | systemic | 1894 mg/m ³ |
| | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | | | |
| | Consumer DNEL, long-term | dermal | systemic | 699 mg/kg bw/day |
| | Consumer DNEL, long-term | oral | systemic | 699 mg/kg bw/day |
| | Worker DNEL, long-term | inhalation | systemic | 2035 mg/m ³ |
| | Worker DNEL, long-term | dermal | systemic | 733 mg/kg bw/day |
| | Consumer DNEL, long-term | inhalation | systemic | 608 mg/m ³ |
| 67-64-1 | Acetone | | | |
| | Worker DNEL, long-term | inhalation | systemic | 1210 mg/m ³ |
| | Worker DNEL, acute | inhalation | local | 2420 mg/m ³ |
| | Worker DNEL, long-term | dermal | systemic | 186 mg/kg bw/day |
| | Consumer DNEL, long-term | inhalation | systemic | 200 mg/m ³ |
| | Consumer DNEL, long-term | dermal | systemic | 62 mg/kg bw/day |
| | Consumer DNEL, long-term | oral | systemic | 62 mg/kg bw/day |
| 1314-13-2 | zinc oxide | | | |
| | Worker DNEL, long-term | inhalation | systemic | 5 mg/m ³ |
| | Worker DNEL, acute | inhalation | local | 0,5 mg/m ³ |
| | Worker DNEL, long-term | dermal | systemic | 83 mg/kg bw/day |
| | Consumer DNEL, long-term | inhalation | systemic | 2,5 mg/m ³ |
| | Consumer DNEL, long-term | dermal | systemic | 83 mg/kg bw/day |
| | Consumer DNEL, long-term | oral | systemic | 0.83 mg/kg bw/day |

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

PNEC values

| CAS No | Substance | |
|--|---------------|-------------|
| Environmental compartment | | Value |
| 115-10-6 | Dimethylether | |
| Freshwater | | 0,155 mg/l |
| Freshwater (intermittent releases) | | 1,549 mg/l |
| Marine water | | 0,016 mg/l |
| Freshwater sediment | | 0,681 mg/kg |
| Marine sediment | | 0,069 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 160 mg/l |
| Soil | | 0,045 mg/kg |
| 67-64-1 | Acetone | |
| Freshwater | | 10,6 mg/l |
| Marine water | | 1,06 mg/l |
| Freshwater sediment | | 30,4 mg/kg |
| Marine sediment | | 3,04 mg/kg |
| Soil | | 29,5 mg/kg |
| Freshwater (intermittent releases) | | 21 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 100 mg/l |
| 1314-13-2 | zinc oxide | |
| Freshwater | | 0,0179 mg/l |
| Marine water | | 0,009 mg/l |
| Freshwater sediment | | 182,8 mg/kg |
| Marine sediment | | 201,9 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 0,1245 mg/l |
| Soil | | 103,4 mg/kg |

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

8.2. Exposure controls

Appropriate engineering controls:

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

| | |
|-------------------------|--|
| Eye/face protection | Wear eye protection/face protection. Suitable eye protection: goggles. DIN EN 166 |
| Hand protection | When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. DIN EN 374. Suitable material: Butyl caoutchouc (butyl rubber) Thickness of the glove material: 0,5 mm Breakthrough time: >=240 min For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. |
| Skin protection: | Wear anti-static footwear and clothing |
| Respiratory protection: | In case of inadequate ventilation wear respiratory protection. Suitable respiratory protection apparatus: Combination filtering device (EN 14387) A-P2 |

9. Information on basic physical and chemical properties

9.1. Information on basic physical and chemical properties

SECTION 9: Physical and chemical properties

Physical state: Liquid
Colour: yellow, transparent
Odour: like: Solvent

Test method

Melting point/freezing point: not applicable
Boiling point or initial boiling point and

< -20 °C boiling range:
Solid/liquid: not applicable
Gas: not applicable
Lower explosion limits: 2,6 vol. %
Upper explosion limits: 26,2 vol. %
Flash point: < -20 °C
Auto-ignition temperature: > 200 °C
Solid: not applicable
Gas: not applicable
Decomposition temperature: not determined
pH-Value: not relevant
Viscosity / kinematic: not applicable
Water solubility (at 20°C):
practically insoluble
Solubility in other solvents: not determined
Partition coefficient n-octanol/water: not determined
Vapour pressure: not determined
Density (at 20 °C): 0,708 g/cm³ calculated.
Relative vapour density: not determined

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Heating may cause an explosion. In use, may form flammable/explosive vapour-air mixture.

Sustaining combustion: No data available

Oxidizing properties The product is not: oxidising.

Other safety characteristics

Solid content: not determined

Evaporation rate: not determined

10. Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurized container: May burst if heated.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Vapours can form explosive mixtures with air.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

| CAS No | Chemical name | | | | |
|-----------|---|---------------------|---------|---|--|
| | Exposure route | Dose | Species | Source | Method |
| 115-10-6 | Dimethylether | | | | |
| | inhalative (4 h) gas | LC50 164000 ppm | Rat | Study report (1979) | Ten male rats were administered the test |
| 8050-09-7 | Rosin, colophony | | | | |
| | oral | LD50 2000mg/kg | Rat | Study report (2010) | OECD Guideline 423 |
| | dermal | LD50 >2000mg/kg | Rat | Study report (2009) | OECD Guideline 402 |
| | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | | | | |
| | oral | LD50 >5000mg/kg | Rat | | |
| | dermal | LD >2800 -3100mg/kg | Rat | Study report (1977) | |
| | inhalative (4 h) vapour | LC50 25,2mg/l | Rat | Study report (1988) | |
| 67-64-1 | Acetone | | | | |
| | oral | LD50 5800mg/kg | Rat | J Toxicol Environ Health 15: 609-621 (19) | Undiluted acetone applied to female rats |
| | dermal | LD50 >7426mg/kg | Rabbit | Toxicol Appl Pharmacol 7: 559-565. (1965) | Other: Code of federal regulations: 21 C |
| | inhalative (4 h) vapour | LC50 76mg/l | Rat | | |
| 1314-13-2 | Zinc oxide | | | | |
| | Oral | LD50 >5000mg/kg | Mouse | Nanotoxicology, 6(7):746-56 (2012) | OECD Guideline 423 |

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

Irritation and corrosivity:

On the skin: Causes skin irritation.
On the eye: Causes serious eye irritation.

Sensitising effects:

May cause an allergic skin reaction. (Rosin, colophony)

Carcinogenic/mutagenic/toxic effects for reproduction:

Based on available data, the classification criteria are not met.

STOT-single exposure:

May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane)

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

12. Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | | |
|-----------|---|--------------------|------------|---|--|--|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 115-10-6 | Dimethylether | | | | | |
| | Acute fish toxicity | LC50 >4100 mg/l | 96h | Poecilia reticulata | Study report (1988) | other: NEN 6504 Water-Determination |
| | Acute algae toxicity | ErC50 154,91 mg/l | 96h | green algae | Other company data (2009) | other: Data generated using ECOSAR v1.00 |
| | Acute crustacea toxicity | EC50 > 4400 mg/l | 48h | | Study report (1988) | other: NEN6501: Water -Determination of |
| 8050-09-7 | Rosin, colophony | | | | | |
| | Acute fish toxicity | LL50 > 1000mg/l | 96h | Leuciscus idus | Study report (1994) | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 >1000mg/l | 72h | Desmodesmus subspicatus | Study report (2010) | EU Method C.3 |
| | Acute crustacea toxicity | EL50 >100mg/l | 48h | | Study report (2010) | OECD Guideline 202 |
| | Acute bacteria toxicity | EC 50 (>10000mg/l) | 3h | activated sludge of a predominantly domestic sewage | Study report (1997) | OECD Guideline 209 |
| | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | | | | | |
| | Acute fish toxicity | LC50 11,4mg/l | 96h | Oncorhynchus mykiss | ECHA | OECD 203 |
| | Acute algae toxicity | ErC50 10-30mg/l | 72h | Pseudokirchneriella subcapitata | Study report (1995) | OECD Guideline 201 |
| | Acute crustacea toxicity | EL50 3mg/l | 48h | | ECHA | OECD 202 |
| 67-64-1 | Acetone | | | | | |
| | Acute fish toxicity | LC50 8120mg/l | 96h | | Publication (1984) | OECD Guideline 203 |
| | Acute crustacea toxicity | EC50 8800mg/l | 48h | Daphnia pulex | Publication (1978) | The toxicity of acetone towards daphnids |
| | Algae toxicity | NOEC 430mg/l | 4d | | | |
| | Crustacea toxicity | NOEC 2212mg/l | 28d | | Arch Environm Contam Toxicol 12: 305-310 | Study conducted comparable to OECD 211 w |

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

12. Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | | |
|-----------|-------------------------|--------------|------------|---|--|--------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| | Acute bacteria toxicity | (61150mg/l) | 0,5h | activated sludge of a predominantly domestic sewage | Water Res 26: 887-892 (1992) | ISO 8192 |
| 1314-13-2 | Zinc oxide | | | | | |
| | Acute bacteria toxicity | EC50 5,2mg/l | 3h | activated sludge of a predominantly domestic sewage | Water research volume 17, nr10, 1363-136 | OECD Guideline 209 |

12.1. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name | | | |
|---------|---|-------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 67-64-1 | Acetone | | | |
| | Biodegradation | 91% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |
| | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | | | |
| | Biodegradation | 98% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|-----------|------------------|---------|
| 115-10-6 | Dimethylether | 0,07 |
| 8050-09-7 | Rosin, colophony | >3-6 |
| 67-64-1 | Acetone | -0,23 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|-----------|------------------|------|---------------------|-----------------------|
| 8050-09-7 | Rosin, colophony | 140 | Hyridella menziesi | Environmental toxico |
| 67-64-1 | Acetone | 3 | | Unpublished calculate |
| 1314-13-2 | Zinc oxide | 1050 | Oncorhynchus mykiss | REACH Registration D |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No further relevant information available.

Further information:
Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

13. Disposal considerations

13.1. Waste treatment Methods

Advice on disposal:

Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil. Dispose of waste
according to applicable legislation.

List of Wastes Code – residues/unused products:

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST;
gases in pressure containers and discarded chemicals;
gases in pressure containers (including halons) containing hazardous
substances; hazardous waste.

Contaminated packaging

Non-contaminated packages may be recycled.
Handle contaminated packages in the same way as the substance itself.

Land transport (ADR/RID)

14. Transport information

14.1. UN number: UN 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2

14.4. Packing group: -
Hazard label: 2.1



Classification code: 5F
Special Provisions: 190 327 344 625

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number: UN 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2

14.4. Packing group: -

Hazard label: 2.1



Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0

SAFETY DATA SHEET

SAFETY DATA SHEET ACCORDING TO REG. (EG) N. 1907/2006
DATE / REVISED 27.03.2024 | VERSION 1

Marine transport (IMDG)

- 14.1. UN number: UN 1950
- 14.2. UN proper shipping name: AEROSOLS
- 14.3. Transport hazard class(es): 2.1
- 14.4. Packing group: -
Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 381, 959
Limited quantity: 1000 mL
Excepted quantity: E0
EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number: UN 1950
- 14.2. UN proper shipping name: AEROSOLS, flammable
- 14.3. Transport hazard class(es): 2.1
- 14.4. Packing group: -
Hazard label: 2.1



Special Provisions: A145 A167 A802
Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
Excepted quantity: E0
IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203
IATA-max. quantity - Cargo: 150 kg

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14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
Warning: Flammable gases

14.7. Transport in bulk according to
Annex II of Marpol and the IBC Code
not applicable

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

EU regulatory information
Restrictions on use (REACH, annex XVII): Entry 3, Entry 40, Entry 75

2010/75/EU (VOC): 94,709 % (670,536 g/l)
2004/42/EC (VOC): 94,709 % (670,536 g/l)

Information according to 2012/18/EU (SEVESO III): P3a FLAMMABLE AEROSOLS

Additional information

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC
Aerosol Directive (75/324/).

National regulatory information

Employment restrictions:
Observe restrictions to employment for juveniles according
to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D):
2 - obviously hazardous to water

Skin resorption/Sensitization:
Causes allergic hypersensitivity reactions

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,4,6,7,8,9,12,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation-
intérieures)
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
ICAO: International Civil Aviation Organization

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MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|-------------------------------|
| Aerosol 1; H222-H229 | On basis of test data |
| Asp. Tox. 1; H304 | Calculation method |
| Skin Irrit. 2; H315 | Bridging principle "Aerosols" |
| Eye Irrit. 2; H319 | Bridging principle "Aerosols" |
| Skin Sens. 1; H317 | Bridging principle "Aerosols" |
| STOT SE 3; H336 | Bridging principle "Aerosols" |
| Aquatic Chronic 3; H412 | Calculation method |

Relevant H and EUH statements (number and full text):

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H229 Pressurised container: May burst if heated.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information:

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)